

User's Manual

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GENERAL INFORMATION

CAUTION: There may be a voltage difference between TV mains GND and satellite signal distribution or Cable TV distribution systems' GND. Or these kinds of voltage differences may appear because of any failure or changing later on the electricity network. In these cases, depending on the voltage difference rate, there may occur heating, fire and other serious damages on TVs and STBs through the socket or cable connections (SCART, HDMI, RF, RCA etc.). Considering such possibilities, we strongly recommend you to use ?Galvanic Isolator*? during the system installation and not remove the isolator.

Note: Applying an isolator causes a little signal loss.

*Equipment connected to the protective grounding of the building through the mains connection or through the other equipment with a connection to protective grounding and to a cable distribution system using coaxial cable, may in some circumstances create a fire hazard.

Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range. (Galvanic Isolator EN 60728-11:2010)

GENERAL INFORMATION

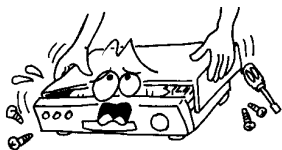
A Digital Satellite Receiver is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the DSR and the necessary steps to implement various features. This also explains special features available only in this DSR in detail, which will allow you to make full use of these feature. Information confirmed in this document is subject to change. We reserves the right, without notice, to make change in product design or performances as progress in engineering or technology.

Main Features

- MPEG2 SD, MPEG2 HD, H.264/AVC SD, H.264/AVC HD, H.265/HEVC, MP4
- Embedded Conax
- SCPC and MCPC receivable from C/Ku band satellite
- Automatic PAL/NTSC conversion
- 5000 channels TV and Radio programmable
- 32 different favorite groups selection
- Multi-language OSD (English, French, German, Italian, Spanish, Portuguese, Russian, Turkish, Arabic, Polish etc)
- Fully support to 7 days Electronic Program Guide(EPG)
- Picture in Graphics(PIG) support
- True color On Screen Display
- Automatic network search for newly added transponders
- DiSEqC 1.2 fully support, 13/18V, 0/22K, 0/12V LNB control
- Various channel editing functions(favorite, moving, locking, renaming, deleting and sorting)
- Parental control for channels
- Ease to use Menu System
- Software upgrades through RS232 port and Receiver to receiver, Support USB upgrade
- 8 Timer Reservations, automatically switch to a specific channel
- Automatic save for last channel
- Channel list can be sorted by alphabetic A-Z, Scramble, Favorite, Lock, Sat
- Dual display – HD and SD simultaneous
- Supprot FAT16/FAT32/FAT12
- Only list JPEG/BMP files
- 480i/p, 576i/p, 720p, 1080i, 1080p with HDCP copy protection
- Games (Tetris, Othello, Sudoku.)

GENERAL INFORMATION

For Your Safety



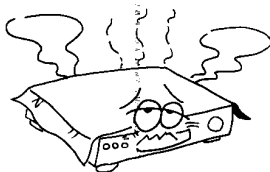
- To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.



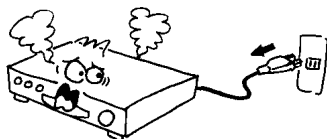
- Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.



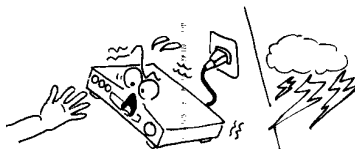
- Do not expose the receiver under the sunlight. And keep it away from the heat source.



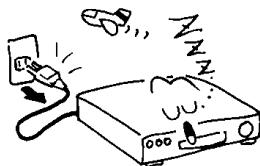
- Do not block ventilation holes of the Receiver so that air can circulate freely.



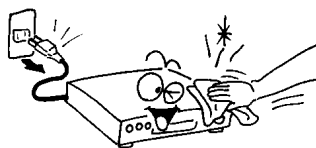
- When the abnormal phenomenon occur, you should cut off the power immediately.



- Do not touch the receiver during thunder, since that might create electric-shock hazards.



- Switch the receiver off whenever it remains out of service for an extended period.



- Be sure to turn the Receiver off and disconnect the AC power cord before cleaning the Receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.

GENERAL INFORMATION

Unpacking



● Remote Control



● Batteries



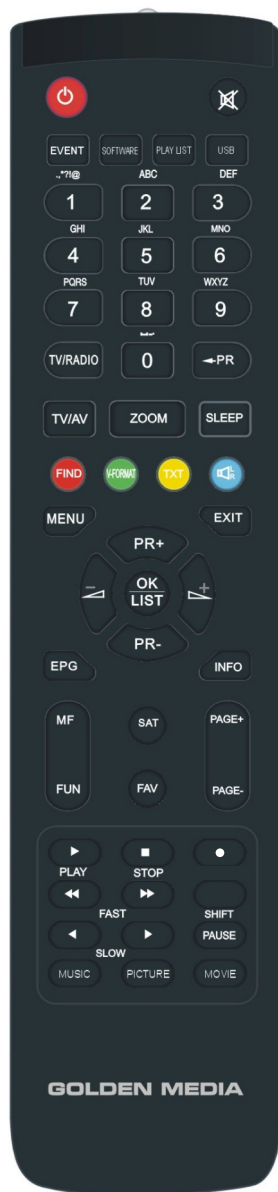
● User's Guide

General Operation

- Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen display and menus. These menus will help you get the most from your receiver, guiding you through installation, channel organizing, viewing and many other functions.
- All functions can be carried out using the buttons on the RCU, and some of the functions can also be carried out using the buttons on the front panel.
- The receiver is easy to use, always at your command and adaptable for future advances.
- Please be aware that new software may change the functionality of the receiver.
- Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the Problem Shooting, or alternatively call your dealer or a customer service adviser.

GENERAL INFORMATION

RCU



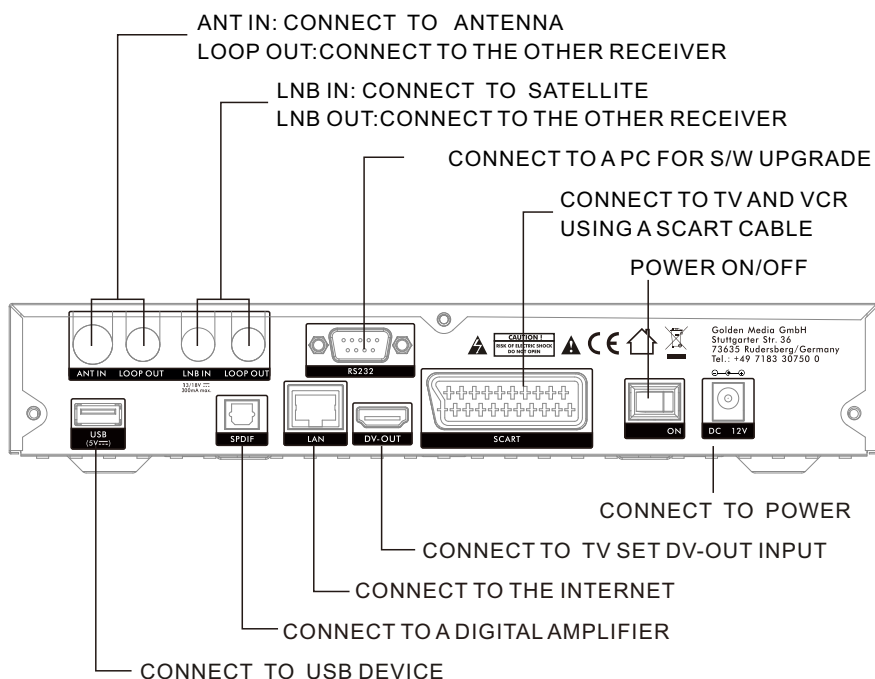
Key	Function
	Turns power ON/OFF of the DSR
	When watching a channel, mute the sound
0-9	Enter number of the required menu item or select a channel number to watch
TV/RADIO	Switches between TV and Radio mode
← PR	Switches back to previous channel
FAV	Displays the favorite group list
SHIFT	Timeshift function key
FIND	Display the Find window
INFO	Show information of the current channel
MENU	Press this key one time to run menu onscreen
OK, LIST	Executes the selected item in the menu screen or enters the desired value in any input mode
PAGE+,PAGE-	Moves up / down a page in the list
PR+, PR-	When watching a channel, change channels or move to the next higher or lower item in the menu
	When watching a channel, adjust the volume or move to the left or right item in the menu
EXIT	Return to the previous menu on the menu screen or escape from the menu
EPG	Call up the EPG (Electronic Program Guide)
	Display the Audio window.
TV/AV	Switch between TV and AV modes
TXT	Switch to teletext or subtitle mode
ZOOM	Enter into the zoom in mode
PAUSE	Press once to pause the screen picture, press once again to go to the normal mode
SLEEP	Enter into the sleep in mode
MF	Multifeed function
	Play and stop the program
	Press to fast forward or fast backward
	Press to slow forward or slow backward
V-MODE	Switch the video mode between current video mode and YUV 576i
V-FORMAT	Changes the HD-Format
SAT	Display the satellite list.
Play list	Enter into Play list
MUSIC	In Media Player menu, press to switch to music list
PICTURE	In Media Player menu, press to switch to picture list
USB	Enter into USB list
MOVIE	In Media Player menu, press to switch to Movie list
SOFTWARE	Enter into upgrade by USB menu
EVENT	Enter into Timer Setting menu

GENERAL INFORMATION

Front Panel

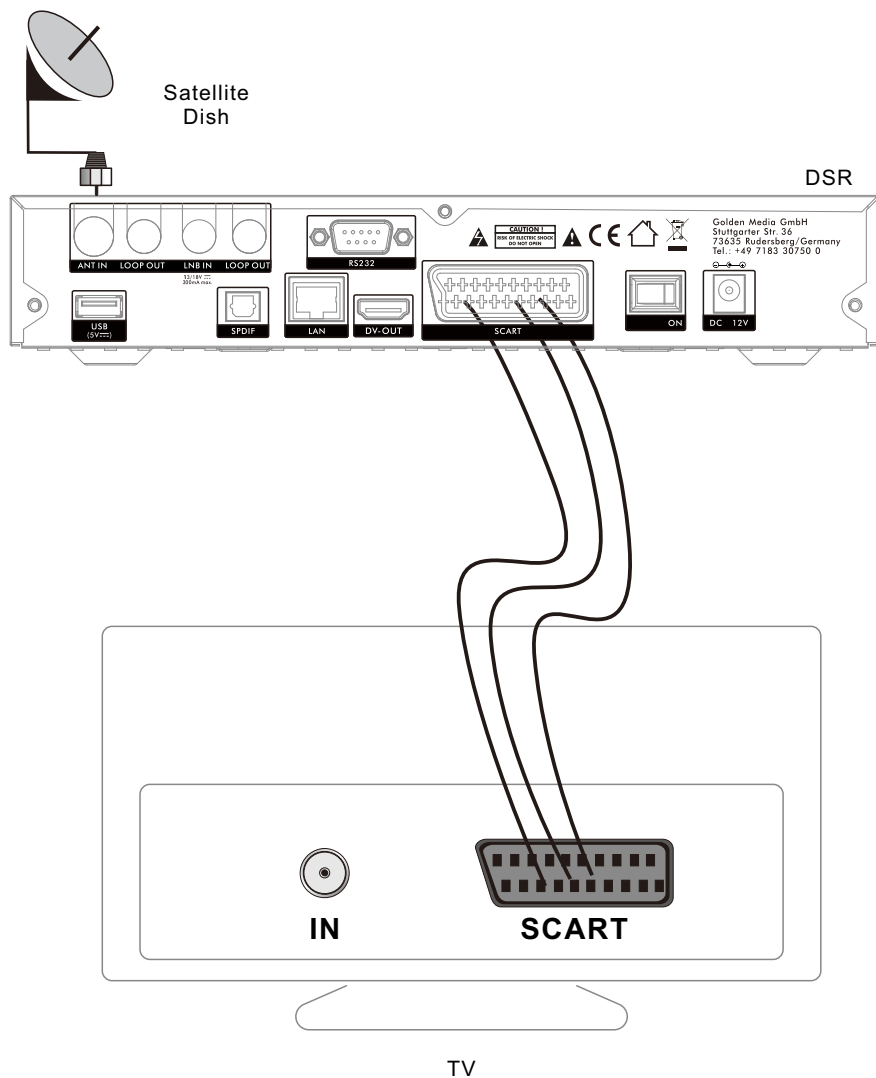


Rear Panel



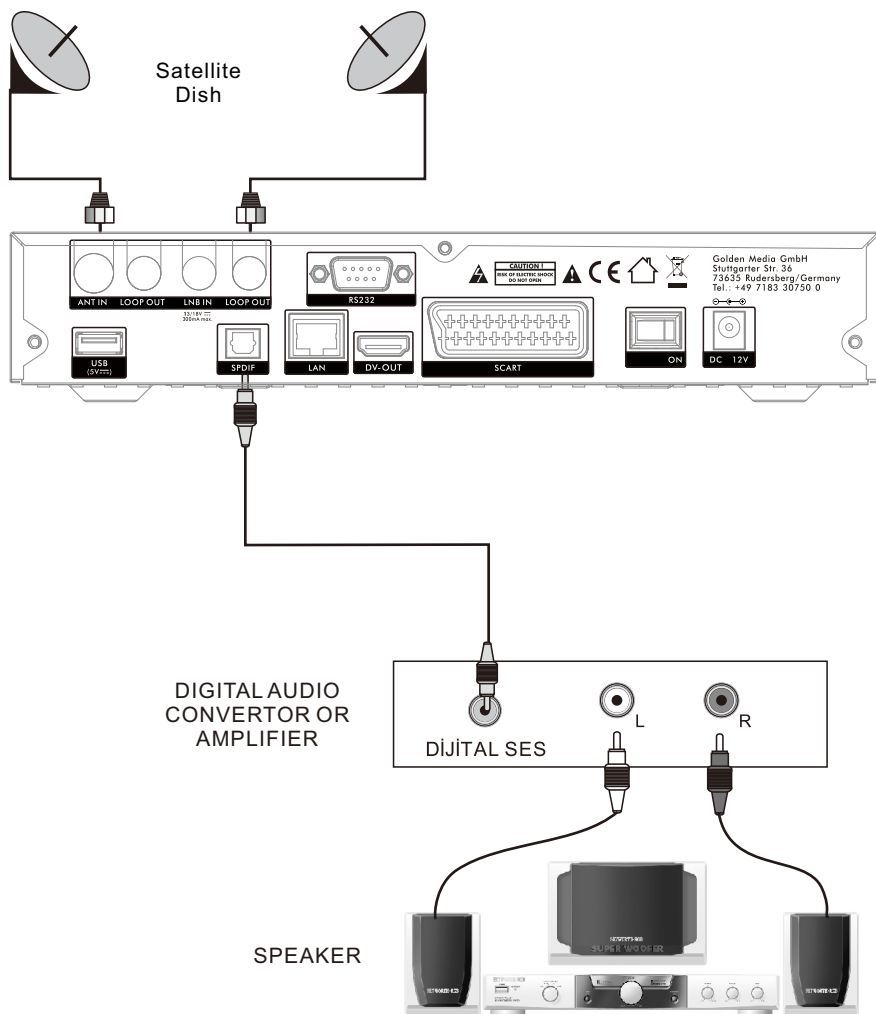
INSTALLATION

Connecting to TV using SCART support



INSTALLATION

Connecting to Digital Amplifier

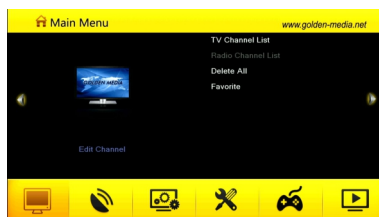


MENU INFORMATION

Main Menu

- Make sure that you have properly installed and connected the cables of the receiver . If the receiver is the factory status or there is no program list, when power on, the Main Menu window will be displayed on the screen.
During the normal TV/Radio mode, press **MENU** key on the RCU to enter into the **Main Menu** window.
- This menu consists of **6** major main menus as follow :

- **Edit Channel**
- **Installation**
- **System Setup**
- **Tools**
- **Internet**
- **HDD**



- During the installation the **OK** key confirms a selection and **LIST** key shows Down List Box if the column has **VVVVVV** mark. You can also use the numeric keys on the RCU to enter numeric value.

Use the **PR+**, **PR-** key to move upwards and downwards from one line to another line and use **←** **→** key to move from main menu to sub menu and move from left side to right side or versa.

Meantime, you want to escape the menu system, please press **MENU** or **EXIT** key on the RCU.

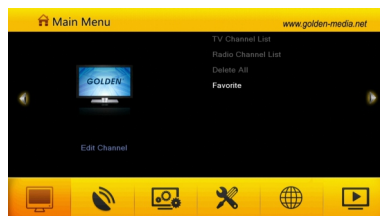
MENU INFORMATION

- If there is no program, you can not exit from the **Main Menu** window by pressing **MENU** or **EXIT** key. System will inform "No channel" and the following items turn grey.

Sub-menu	Turn grey when there is no program	
Edit Channels	TV Channel List Delete All	Radio Channel List Favorite
Installation	Antenna Connection Antenna Setup Multi Satellite Search Cable Manual Scan Terrestrial Automatic Scan Fast Scan	Satellite List Single Satellite Search TP List Cable Automatic Scan Terrestrial Manual Scan
System Setup	Language Display Setting Timer Setting OSD Setting	TV System Local Time Setting Parental Lock Other
Tools	Information Common Interface Upgrade By USB	Factory Setting Conditional Access
Internet	Network Local Setting USB 3G Dongle RSS Reader Sudoku	Wifi Manager Weather Forecast Upgrade By Network Othello
HDD	Media Player PVR Setting USB Speed Test	Storage Information Remove USB Safely

1. Edit Channel

Press **PR+**, **PR-** keys to move the cursor up or down.



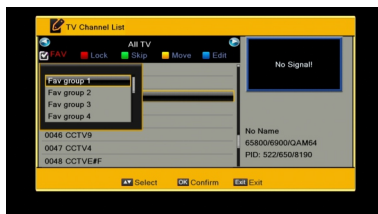
MENU INFORMATION

1.1 TV Channel List

1. Press **PR+**, **PR-** keys to select the program that you want to play, and then press **OK** key to view it in the small window. If move the **yellow** cursor to select up or down, you will see a gray line which indicates the playing program in the small window.

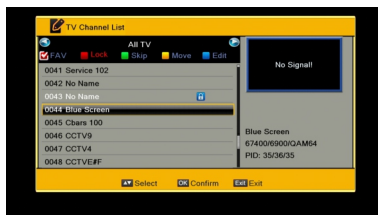


2. Press **FAV** key to move the FAV button upward. Select the program and press **OK** key to pop up the favourite group list. In the list, select the group that you want to add into and press **OK** key, and then you will find the favourite mark is displayed at the right side of the selected program.



Press **FAV** key again to exit from the fav mode, and you will find the FAV button return to the origin position.

3. Press **red** colour key to move the Lock button upward. Select the program and press **OK** key to mark this program with the Lock mark. You can cancel this mark by pressing **OK** key once more. Press **red** colour key again to exit from the lock mode, and you will find the Lock button return to the origin position.



4. Press **green** colour key to move the Skip button upward. Select the program and press **OK** key to mark this program with the skip mark. You can cancel this mark by pressing **OK** key once more. Press **green** colour key again to exit from the skip mode, and you will find the Skip button return to the origin position.



4. Press **yellow** colour key to move the Move button upward. Select the program and press **OK** key to mark this program with the move mark. Press **PR+**, **PR-** keys to move the cursor to the position where you want to locate and press **OK** key to confirm.



MENU INFORMATION

It supports group channel move, you just need press **OK** to select a group, then press exit, the box will show you “press ok to select a destination place”, you just need to press ok to move.

6. Press **blue** colour key to enter into the **Edit channel** window.

i. Sort (red colour key)

Press **red** colour key to pop up the Sort drop-down list.

Name(A-Z): The ascending order, omitting the \$ character, the number is ahead, then the capital letter, at last the lowercase.

Name (Z-A): The opposite order of the above Name (A-Z).

Free/Scramble: All FTA programs are listed ahead, while all scrambled programs are listed last.



ii. Edit (green colour key)

Press green colour key to move the Edit button upward. Select the program and press **OK** key to pop up the **Rename** window.

In **Rename** window, press **red** colour key to switch between capital letter and lower letter; press **green** colour key to delete the character on the cursor; press **DEL** **↔** keys to move the

press **numeric keys (0-9)** to input the character, please refer to the down table. Press **yellow** colour key to save and exit, or press **blue** key to cancel and exit.



Numeric keys	Press numeric key repeatedly, display in circle
1	.,*?!@1
2	ABC2
3	DEF3
4	GHI4
5	JKL5
6	MNO6
7	PQRS7
8	TUV8
9	WXYZ9
0	[space]_0

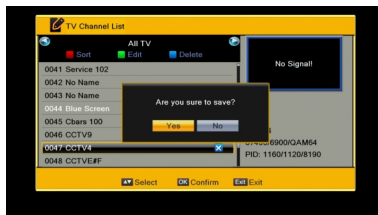
MENU INFORMATION

If the name is empty, system will pop up a dialogue informing "Name" once **yellow** colour key is pressed. Press **OK** key to close this dialogue.

iii. Delete (blue colour key)

In **Delete** window, press **blue** colour key to move the Delete button upward. Select the program and press **OK** key to mark this program with the deletion mark. You can cancel this mark by pressing **OK** key again.

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



1.2 Radio Channel List

Same operation as 1.1 TV Channel List, here we don't explain any more.

1.3 Delete All

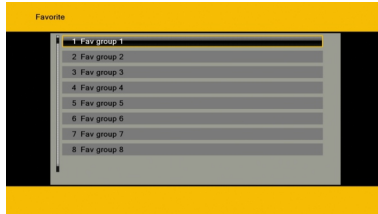
Move cursor to the **Delete All** item, and press **OK** Key to pop up the dialogue "Warning! Do you really want to delete all channel?".

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.



1.4 Favorite

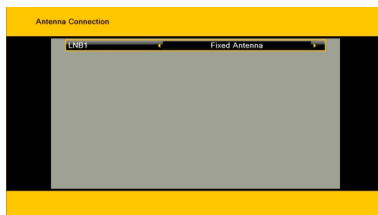
There are 8 favorites group listed in this window. Press **PR+**, **PR-** keys to select one and press **OK** key to the **Rename** window.



2. InstallationLNB

2.1 Antenna Connection

1: Press **Left**, **Right** keys to select between Motor Antenna and Fixed Antenna.



MENU INFORMATION

2.2 Satellite List

1. Press **red** colour key to pop up the **Edit** **Satellite** window.

press **red** colour key to switch between capital letter and lower letter; press **green** colour key to delete the character on the cursor; press $\leftarrow$ $\rightarrow$ keys to move the cursor left or right; press **numeric keys (0-9)** to input the character, please refer to the down table. Press **yellow** colour key to save and exit, or press **blue** key to cancel and exit.



2. Press **green** colour key to pop up the **Add TP** window. Since the same operation as the above **Edit TP** window, here we don't explain any more.

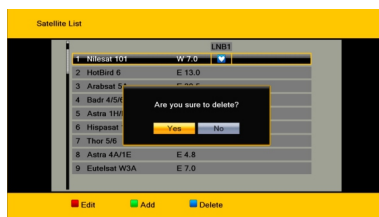
3. Press **blue** colour key to pop up the delete **satellite** window. Press **OK** key on Yes button to delete the satellite you selected, press **OK** key on No button to cancel.



2.3 Antenna Setup

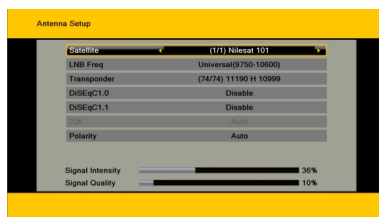
1. **Satellite:** All selected satellites in the satellite list are displayed in this item.

Press $\leftarrow$ $\rightarrow$ keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.



2. **LNB Freq, Transponder, DiSEqC1.0, DiSEqC1.1:** The same operation as the above.

3. **22K, Polarity:** You can press $\leftarrow$ $\rightarrow$ keys to select in circle.



MENU INFORMATION

2.4 Single Satellite Search

1. **Satellite** : Press $\leftarrow$ $\rightarrow$ keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

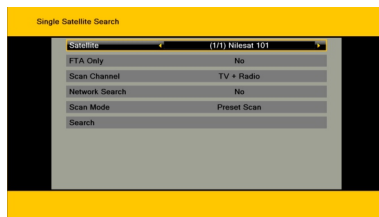
2. **FTA Only**: Press $\leftarrow$ $\rightarrow$ keys to select between Yes and No.

3. **Scan Channel**: Press $\leftarrow$ $\rightarrow$ keys to select among TV+Radio, TV Channel, Radio.

4. **Network Search**: Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. **Scan Mode**: Press $\leftarrow$ $\rightarrow$ keys to select between Auto Scan and Preset Scan and Fastscan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. **Search**: Press **OK** key to start searching.



2.5 Multi Satellite Search

From the **Multi Satellite Search** window, you can search several satellites at the one time.

1. **Satellite**: All selected satellites in the satellite list window are displayed on the down part. You can press $\leftarrow$ $\rightarrow$ keys to switch among them.

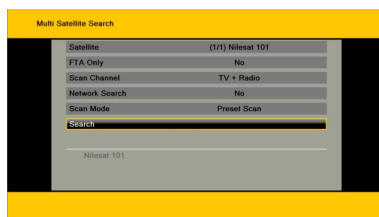
2. **FTA Only**: Press $\leftarrow$ $\rightarrow$ keys to select between Yes and No.

3. **Scan Channel**: Press $\leftarrow$ $\rightarrow$ keys to select

4. **Network Search**: Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. **Scan Mode**: Press $\leftarrow$ $\rightarrow$ keys to select between Auto Scan and Preset Scan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. **Tuner**: Press **OK** key to start LNB1.



MENU INFORMATION

2.6 TP List

Press **OK** key to enter TP list.

1. In TP list press **red** colour key to pop up the **Edit TP** window.

Frequency, Symbol rate: Press $\leftarrow$ $\rightarrow$ keys to add or reduce by step one. Or press **numeric keys (0-9)** to input the desired value. The range of the frequency is 3000-13500, while the range of the symbol rate is 1000~45000. The inputted value is beyond this range, the value will return to the origin value.

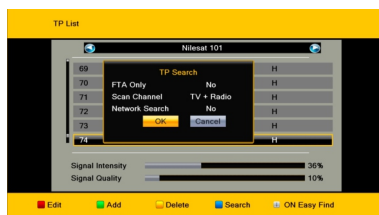
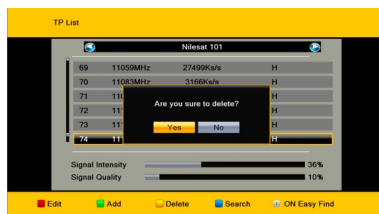
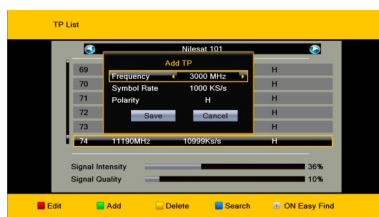
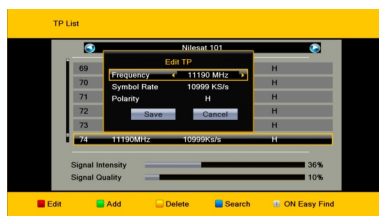
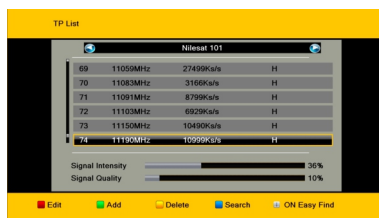
Polarity: Press $\leftarrow$ $\rightarrow$ keys to switch between Vertical and Horizontal.

2. Press **green** colour key to pop up the **Add TP** window. Since the same operation as the above **Edit TP** window, here we don't explain any more.

3. Press **yellow** colour key to pop up dialogue "Are you sure to delete?". Press **OK** key at the Yes button to delete the selected TP, or press **EXIT** key to cancel the operation.

4. Press **blue** colour key to pop up the **TP Search** window.

FTA only, Scan Channel, Network Search: Press $\leftarrow$ $\rightarrow$ keys to select the proper option. Press **OK** key at the OK button to start searching.



MENU INFORMATION

2.7 Cable Manual Scan

Scan Mode: Press $\leftarrow$ $\rightarrow$ key to select by channel or by frequency.

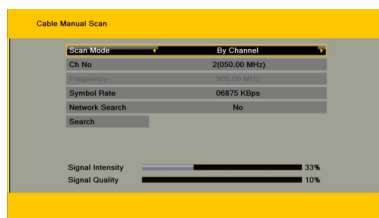
Ch No: Press $\leftarrow$ $\rightarrow$ key to select channel.

Frequency: If you select by frequency in Scan Mode, you can edit this item by pressing number keys.

Symbol Rate: Press number key to input certain value or press $\leftarrow$ $\rightarrow$ key to select in circle.

Network Search: Select between Yes and No.

Search: Press **OK** key to start searching.



2.8 Cable Automatic Scan

Country :

Press $\leftarrow$ $\rightarrow$ key to select.

Network:

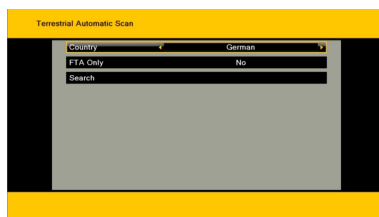
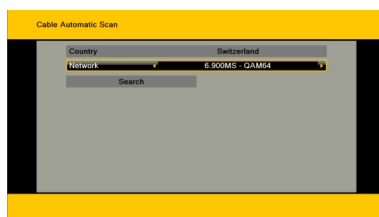
Press $\leftarrow$ $\rightarrow$ key to select in circle.

Press **OK**

key to start searching program quickly.

Country:

Press $\leftarrow$ $\rightarrow$ keys to select the countries in circle.



FTA Only:

Select between Yes and No.

Search:

Press **OK** key to start searching.

Scan Mode:

Press $\leftarrow$ $\rightarrow$ keys to select between By Channel and By Frequency.

Scan Band:

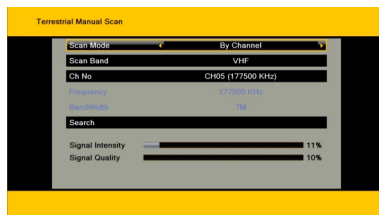
Select between VHF and UHF.

Ch No, Frequency, BandWidth:

Press $\leftarrow$ $\rightarrow$ keys to select in circle.

Search:

Press **OK** key to start searching.



MENU INFORMATION

3. System Setup

3.1 Language

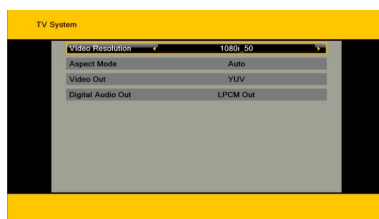
1. Press **OK** key to enter into the **Language** window. Press $\leftarrow$ $\rightarrow$ keys to select the language in circle, while press **PR+**, **PR-** keys to move the cursor up or down in circle.
2. Press **MENU** key or **EXIT** key to save and exit.
3. The types of the language, please refer to the configuration of the customer.



3.2 TV System

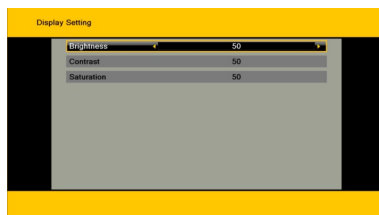
Press **PR+**, **PR-** key to move the cursor up or down, while press $\leftarrow$ $\rightarrow$ keys to change the setting and the setting will take effect immediately.

1. **Video Resolution:** Select among 480i, 576i, 480p, 576p, 720P_50, 720P_60, 1080i_25, 1080i_30, 1080p_50 and 1080p_60.
2. **Aspect Mode:** Select among 4:3 LetterBox, 4:3 PanScan, 16:9 and Auto.
3. **Video Output:** Select between RGB and YUV.
4. **Digital Audio Out:** Select among LPCM Out, Auto and BS Out.



3.3 Display Setting

1. **Brightness:** Press $\leftarrow$ $\rightarrow$ key to select from 0-100.
2. **Contrast:** Press $\leftarrow$ $\rightarrow$ key to select from 0-100.
3. **Saturation:** Press $\leftarrow$ $\rightarrow$ key to select from 0-100.



3.4 Local Time Setting

1. **Summer Time:** Select between ON and OFF. "OFF" delegates the normal time. If select ON, time will add one hour.
2. **GMT Offset:** When select "ON" in GMT Usage item, system will get the date and time information from the screen automatically. Date and Time two items will turn grey. Select the proper option in the GMT Offset item. The default setting is GMT ON.



MENU INFORMATION

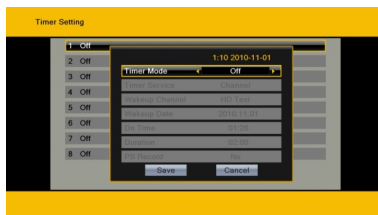
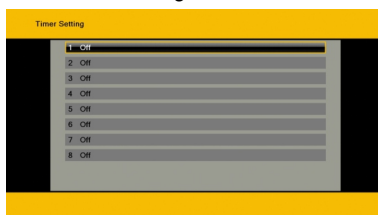
3.Date, Time: When select "OFF" in GMT Usage, Date and Time two items take effect, while GMT Usage turns grey. Use numeric keys to input the desired value.5. After setting, press **MENU** key or **EXIT** key to save and exit. If the value is invalid, system will inform "Invalid input! Continue to edit?". Press **OK** key at the Yes button to continue the modification, or press **OK** key at the No button to exit without saving.

3.5 Timer Setting

If there is no program, you can not enter into this window. There are 8 timers that can be set. Select Timer up or down, and press OK key to enter into the setting window.

1. Timer mode: The default mode is off. You can set the timer once, daily, weekly, monthly and yearly.

2. Timer Service: Select between Channel or Record. If Channel is selected, the Wakeup Channel is displayed in the following item. If Record is selected, the Wakeup Message is displayed in the following item. In wakeup message, you can select among Birthday, Anniversary, General. At the same time the duration item turns grey.



3. Wakeup Date, On Time: Use numeric keys to input the valid date.

Duration: Set the gap time. After waking up, system will power off automatically after the duration time.

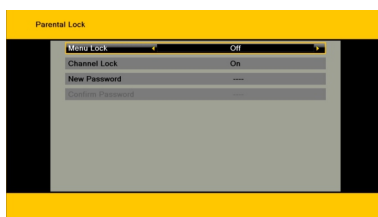
Press **MENU** or **EXIT** key to save and exit. Before entering into the Parental Lock window, you need input the correct password. The default password is **0000**.

3.6 Parental Lock

Before entering into the **Parental Lock** window, you need input the correct password. The default password is **0000**.

1. Menu Lock: Press $\leftarrow$ $\rightarrow$ keys to select between Off and On. If select "On" , you can not enter into the window before entering the password.

2. Channel Lock: Press $\leftarrow$ $\rightarrow$ keys to select between Off and On. The default value is Off.



If select "On", you can not view the locked channel set in **Chanel List Edit** window until you have inputted the correct password.

3. New Password: User **numeric key (0-9)** to input the new password.

4. Confirm Password: Input the new password once again. Confirm password must be the same as the New password. System will inform you "Change password successfully!" while they are the same, or inform you to input the password of Confirm password once again when they are not the same.

MENU INFORMATION

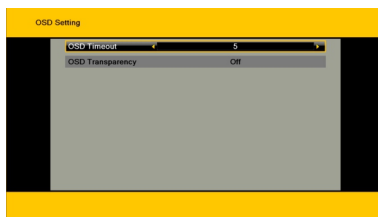
3.7 OSD Setting

1. OSD Timeout: Press $\leftarrow$ $\rightarrow$ keys to select from 1 to 10 by step 1. The default value is 5.

2. OSD Transparency:

Press $\leftarrow$ $\rightarrow$ keys to select among Off, 10%, 20%, 30%, 40%. The default option is Off.

Press **MENU** or **EXIT** key to save and exit.



3.8 Other

1. LNB Power, DVBT Power:

Select between Off and On.

2. Channel Play Type:

Select among All, Free, Scramble.

3. Channel Change:

Select between Black screen and Freeze.

4. Auto Standby: Select between Off and On.

5. Clock In Standby : Select between On and Off.

6. Card Initial clock: Press $\leftarrow$ $\rightarrow$ key to select.

7. AV Sync type: Select between On and Off. If select Off, AV Sync value item turn gray.

8. AV Sync value:

press number key to input value.



4. Tools

4.1 Information

Press **OK** key to the Information window.

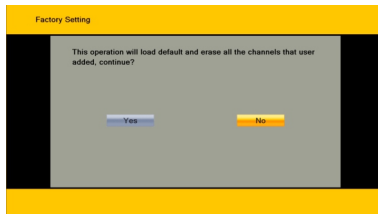


4.2 Factory Setting

Press **OK** key to enter into the **Factory Setting** window.

Select Yes button and press **OK** key to return to the factory setting. All searched channels and set information will be erased.

Select No button and press **OK** key to cancel this operation, or press **MENU** or **EXIT** key to cancel and exit.



4.3 Common Interface

There are many types of CI. Here we take Conax access for example.

Press **OK** key to enter into the main menu.

You can know information about product Ordering, Subscription Status, PPV Status, Token Status and so on.

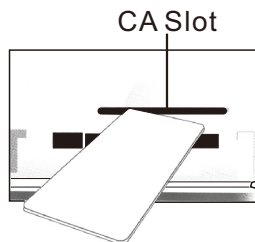
MENU INFORMATION

4.4 Conditional Access

Insert the smart card with the golden chip facing down.

Push the smart card into the CA slot. Only a few millimetres of the card should be visible outside the slot.

Select **Conditional Access** item and press **OK** key, then you will enter into its sub-menu which consists four items of About CA Info, Change PIN, Change Signature PIN, Maturity Level.

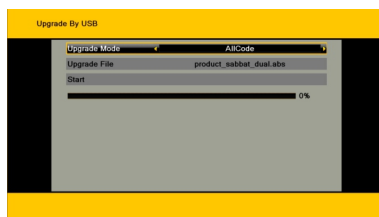


4.5 Upgrade by USB

1. Upgrade File: Show the Upgrade File.

2. Upgrade Mode: Select among allcode+bootloader, main code, deaualtdb, userdb and dump. When users switch the upgrade mode, "Upgrade File" will show the corresponding file according to the table below:

Upgrade Mode	File feature
All code :	File named as "*.abs"
Main Code:	File named as "*.abs"
Radio back:	File named as "*.abs", the picture will be used as both radio back and menu back
Default db:	File named as "*.abs"



Select the upgrade mode and upgrade file, then you can start upgrade by USB.

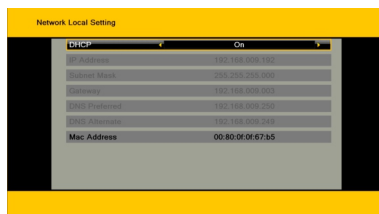
3. Press OK key on start button to start receiving the data from USB device.
When the USB device is not connected, this item is grey, you can not edit it now.

5. Internet

5.1 Network Local Setting

HDPC: Select between ON and OFF, when it ON, the IP Address, Subnet Mask and Gateway item will turn gray, you can not edit them.

Press number 0-9 the input the address.



5.2 WiFi Manager

Insert Wifi equipment first, then search available Enter net signal , input the password to connect with network.

MENU INFORMATION

5.3 USB 3G Dongle

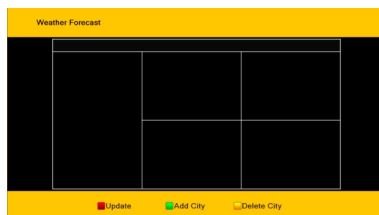
Make sure the 3G card is insert in your 3g dongle. Connect it to your receiver.

5.4 Weather Forecast

Press **green** key to add city

Press **yellow** key to delete city

Press **red** key to update



5.5 RSS Reader

RSS Channel list is on the left side of window

RSS News list is on the right side of window

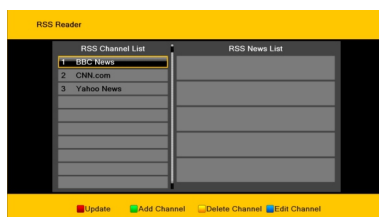
Press **PR+**, **PR-** key to select channel you wanted

Press **red** key to update

Press **green** key to add channel

Press **yellow** key to delete channel

Press **blue** key to edit channel



5.6 Upgrade by Network

1. **Protocol**: Select between HTTP and FTP.

2. **URL Type**: Select between number and string.

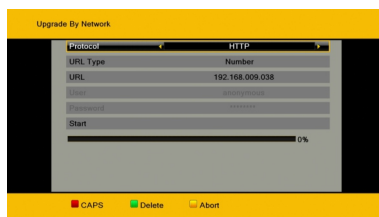
3. **URL**: press **number key 0-9** to input.

4. **User**: Press **number key 0-9** to input the user name.

5. Press number key 0-9 the input the password.

6. Press **OK** key on star button to begin updating.

Press **green** key to delete the number or characters and press **red** key to switch the input mode.



5.7 Othello/Sudoku

Select the game that you want to play and press **OK** key to enter into the window.

MENU INFORMATION

6. HDD

6.1 Media Player

This menu will be disabled when no USB device is plugged. Media Play List will not be saved when USB plug out or standby or power off.

Move scroll bar when press **up/down** key, page up or down by page key. Go into sub-directory when press ok key in the file directory, play the selected file when scroll bar is on the file, automatic return USB menu after play is over.

Color key operation:

1. **Green key:** Press **green** key to add the favorite symbol on your selected files, and put the file selected by scroll bar to play list .
2. **Yellow Key:** Press **yellow** key to add all the image and music files to the play list .
3. **Red Key:** Show the Play List.
4. **Blue Key:** Press **blue** key to enter the edit window.

Function key:

Press **number key 0** to switch among music, image, video and record list.

In image list:

Press **number key 1** to display the **Sort** window.
Press **number key 2** to display the **Setup** window.
Press **number key 3** to enter multi view mode.

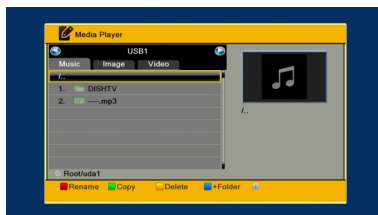
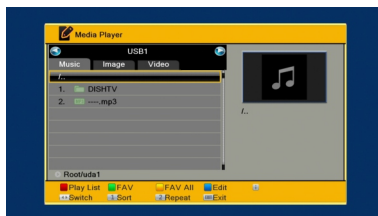
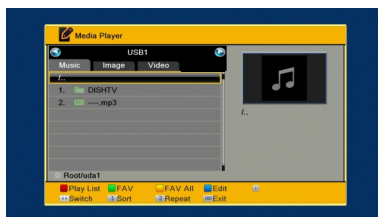
In edit window:

Red key: Press **red** key to enter the rename window, you can rename the file by press number 0-9 on RCU.

Green key: Press **green** key to enter the copy window, press $\leftarrow$ $\rightarrow$ key to select the place you want to copy to, and press green key to begin copying.

Yellow key: Press **yellow** key to add the delete symbol on your selected file, press **yellow** key again the symbol will disappeared. Press **OK** key on the file with delete symbol, it will pop up a dialogue: "Are you sure to delete ?" Select **YES** to delete and select **NO** to quit without delete the file. and press **EXIT** key to quit without delete the file.

Blue key: Press blue key to enter the New Folder window, you can press **number 0-9** to edit.



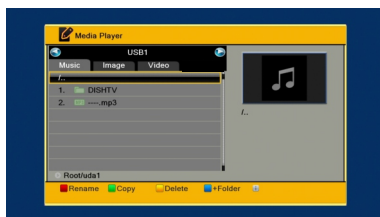
MENU INFORMATION

In music list

Press **number key 1** to display the **Sort** window.

Press **number key 2** to select the repeat mode.

The function of colour key is the same as **Color key operation**.



In video list

Press **number key 1** to display the **Sort** window.

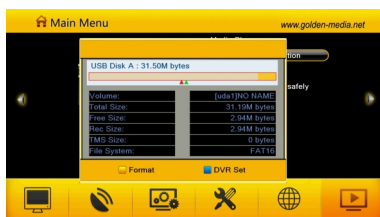
The function of colour is the same as **Color key operation**.

6.2 Storage Information

Show you the information in windows as besides.

Yellow key: Press **yellow** key to format the disk

Blue key: Press **blue** key to pop up DVR Set windw.



6.3 Remove USB Safely

Press **OK** on this item it will pop up a dialogue:

"You can safely remove USB device now! ", then you can move your USB device safely.

6.4 USB Speed Test

Press **OK** key to know the USB speed.

MENU INFORMATION

7. Hot Key

7.1 Info

1. Press **INFO** key to pop up the Info bar.
2. It will display the information of current and next program just when you press **INFO** button twice.

7.2 EPG

It supports 7 days EPG display

Press **EPG** key to enter into the EPG window.

1. Press **PR+**, **PR-**, $\leftarrow$ $\rightarrow$ keys to select up or down, left or right.

2. Press **red** colour key to pop up the Time Bar window. Press **PR+**, **PR-** keys to select up or down, while press $\leftarrow$ $\rightarrow$ keys to select left or right in the time bar.

$\leftarrow$: Press **OK** key at this button to return to the EPG window.

$\uparrow$: Press **OK** key at this button to move the cursor to the current time line.

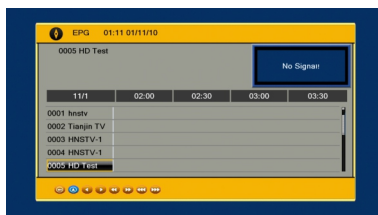
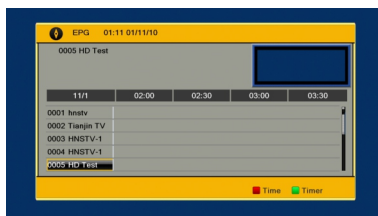
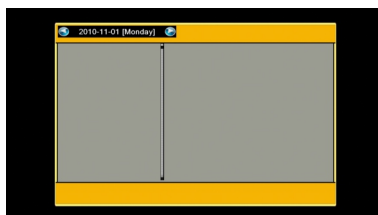
$\leftarrow \rightarrow$: Press **OK** key to push the time forward or backward by half an hour.

$\leftarrow \leftarrow \rightarrow \rightarrow$: Press **OK** key to push the time forward or backward by two hour.

$\leftarrow \leftarrow \rightarrow \rightarrow \rightarrow \rightarrow$: Press **OK** key to push the time forward or backward by a day.

3. **Detail Information:** In the **EPG** window, press **PR+**, **PR-**, $\leftarrow$ $\rightarrow$ keys to select the channel and program, and press **OK** key to know the detail information of the current program.

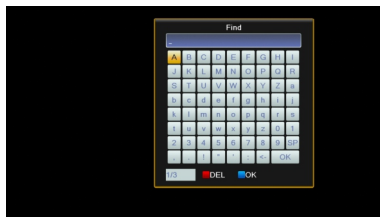
4. Press **green** colour key to enter into the **Timer** window. You can add the current program to the Timer. If 8 timers are already yet, system will inform you "Timer is full!".



MENU INFORMATION

7.3 Find

Press **FIND** key on to pop up the **Find** window.
Use numeric keys to enter into the character and use the colour keys to realized the corresponding operation.



7.4 Number

Use the **numeric keys (0-9)** to input the number of the desired channel. If the inputted number is beyond the valid channel number, system will "No such a channel" and press **OK** key to close this message.

7.5 TV/RADIO

In normal mode, press **TV/RADIO** key to switch between TV mode and Radio mode.

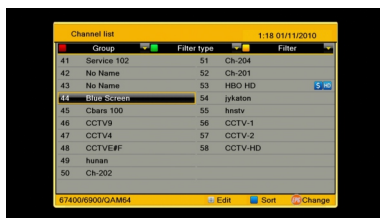
7.6 Up/Down (Channel Change)

Press **PR+**, **PR-** keys to change the channel up or down.

7.7 Left/Right (Volume+/-)

Press $\leftarrow$ $\rightarrow$ keys to change the volume.

Press $\leftarrow$ keys to decrease the volume, while press $\rightarrow$ keys to increase the volume.



7.8 Mute

Press $\boxtimes$ key to turn off the volume. You can press $\boxtimes$ key once again to restore the volume, or press $\leftarrow$ $\rightarrow$ keys to increase the volume.

7.9 Pause

During the viewing, you can press **PAUSE** key to stop the picture while the volume continues. You can play the picture by pressing **PAUSE** key once again.

7.10 OK

1. During the viewing or listening, press **OK** key to pop up the TV program list or the Radio program list.
2. Press **PR+**, **PR-** keys to select the channel up or down, and then press **OK** key to play this channel in full-screen.

MENU INFORMATION

7.11 Audio

1. Press   keys to enter into the Audio window.
2. Press   keys to select among Left, Right, Stereo, and Mono.
3. Changing the audio mode is only connected with the current channel, not all the channels.
4. Press **MENU** or **EXIT** key to close this window.



7.12 Recall

Press  **PR** key to switch the current channel to the previous channel.

7.13 FAV

1. Press **FAV** key to pop up the favourite group window.
2. Press   keys to select the favorite group. Press **PR+**, **PR-** keys to select the channel up or down. Press **OK** key at the selected channel to view it in full-screen. Press **MENU** or **EXIT** key to exit.
3. If there is no favorite channel, system will inform " No FAV Channel!" when you press **FAV** key.



7.14 Teletext

Press **TXT** key to open the teletext on the screen. If there is no teletext, system will inform "No Teletext Data". Press **EXIT** key to exit.

TROUBLE SHOOTING

Problem	Possible causes	What to do
The display on the front panel does not light up.	Main cable is not connected.	Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	The receiver is in standby mode.	Press the standby button.
No sound or picture.	The satellite dish is not pointing at the satellite.	Adjust the dish. Check the signal level in the Antenna Setup menu.
	No signal or weak signal.	Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or adjust the dish.
	The satellite dish is not pointing at the satellite.	Adjust the dish.
	Signal is too strong.	Connect a signal attenuator to the LNB input.
Bad picture / blocking error.	Satellite dish is too small.	Change to a larger dish.
	LNB noise factor too high.	Change to an LNB with lower noise factor.
	The LNB is faulty.	Change the LNB.
The RCU is not working.	Battery exhausted.	Change the batteries.
	RCU is incorrectly aimed.	Aim RCU at the receiver, or check that nothing blocks the front panel.

- **Note** : If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or service provider.